

IN THE SPECIFICATION

(1) Please insert the following new paragraph between paragraphs [0068] and [0069] of the published application:

Fig. 18D designates barrel-shaped micropores in which the cross-sectional area of the flow passage becomes reduced and again becomes larger toward the flow passage control chip;

(2) Please amend paragraph [0275] of the published application to read as follows:

Reference numeral 249a designates straight micropores, in which no change arises in the cross section of a flow passage and the flow passage penetrates through the micropores (a group of micropores according to the present embodiment); 249b designates conical micropores, in which a portion of the flow passage opposing the flow passage control chip 213 has a smaller cross-sectional area; and 249c shown in Fig. 18D designates barrel-shaped micropores in which the cross-sectional area of the flow passage becomes reduced and again becomes larger toward the flow passage control chip 213. Polypropylene, Teflon (registered trademark), or the like is often utilized as a gas permeable film. The minimum function as the sheet connector 249 is performed unless the micropores 249a, 249b, and 249c are formed in the sheet connector 249. However, forming the micropores 249a, 249b, and 249c for facilitating flow of the reactant gas is much better.